Date:	Project Name:
Type:	Part Number:

1 OFF 2 OFF	1 ON 2 OFF	1 OFF 2 ON	1 ON 2 ON
350mA	700mA	1050mA	1200mA

RENO-DA54B-DV-PS

RENO DALI ENABLED LED DRIVER

PRIME

DESCRIPTION

The Reno LED DALI Driver is suitable for DALI-1 and DALI-2 enabled systems. Combine with our Reno LED T8/LED T5 Type C lamps, it is the perfect retrofit option for any existing fluorescent T8/T5 Dali software controlled applications. Energy efficiency and versatility come standard with an industry first auto sensing input range of 120-347V, 350-1200 mA dip switch to operate 1-4 lamps seamlessly.

FEATURES

- Built-in isolated adjustable power LED driver
- Flicker-free LED driver
- Output current 350-1200 mA by adjusting dip switch
- Max. output power 54W
- Constant lumen output (CLO)
- For luminaires with protection class I, class II protection, short circuit protection
- Storage Temperature: -40°F to +185°F (-40°C to 85°C)
- THD ≤20%
- 5 year warranty

FOR USE WITH

- Office Lighting
- Commercial Applications
- Retail Lighting
- Eductional Institues

c UL us LISTED · IP20 · RoHS · BC · CE · c UL us · 5 YR WARRANTY

RENO™ LIGHTING

Date:	Project Name:
Type:	Part Number:

SPECIFICATION

ORDER#	MODEL#	INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT VOLTAGE	EFFICIENCY @ FULL LOAD	CURRENT ACCURACY	POWER FACTORY
R83101	RENO-DA54B-DV-PS	120 V	350 mA	10-54V	88%	± 5%	0.9
			700 mA	10-54V	89%		
			1050 mA	10-51.5V	89%		
			1200 mA	10-45V	88%		
		347 V	350 mA	10-54V	86%	± 5%	0.9
			700 mA	10-54V	88.5%		
			1050 mA	10-51.5V	89%		
			1200 mA	10-45V	88.5%		

ELECTRICAL SPECIFICATIONS

MAIN VOLTAGE SUPPLY	
Rated input voltage range	120...347 Vac
Max. input voltage range	108...382 Vac
Rated frequency range	50/60 Hz
Max. input current	0.58 A @120 Vac

PROTECTION AGAINST VOLTAGE PEAKS	
Withstand voltage	I/P-FG:1.8KVac, <5 mA 60 s; I/P-DA: 1.8 KVac, < 5 mA 60 s O/P-FG:0.6 KVac, <5 mA 60 s; O/P-DA: 0.6 KVac, < 5 mA 60 s DA-FG: 0.6 KVac, <5 mA 60 s; I/P-O/P: 1.8 KVac, < 5 mA 60 s
Mains surge immunity	L-N 1 kV, L/N-FG: 2 kV
Ringing wave	>2.5 KV

TOTAL HARMONIC DISTORTION (THD)	
At rated input voltage range @ full load	≤20 %

OUTPUT DATA	
Output current tolerance	± 5% at rated input voltage range
No load output voltage	60 Vdc
Ripple output current	5% (ripple = peak/average total 120 Hz)
Turn-on Delay time	≤ 1 s at full load @ low rated input voltage

Date:	Project Name:
Type:	Part Number:

ELECTRICAL SPECIFICATIONS CON'T

PROTECTION FUNCTIONS OUTPUT SIDE	
Overvoltage protection	The output voltager is less than or equal to 60 V
Overpower protection	The output power is less than or equal to 59.4 W
Short circuit protection	Yes

DIMMING OPERATION AND INTERFACE	
Dimming current range	1%...100%
Standby power cosumption	0.5 W

CONNECTION TERMINALS	
Connection terminal type	45° push in terminal
Wire cross section	Input and output wire: 16-20 AWG
Wire stripping length	8...9 mm

DEGREE OF PROTECTION	
Protection rating	IP20

OPERATION DATA	
Output current range	DIP control adjusts the current: 350...1200 mA
Default current	350 mA
Output voltage range	10...54 Vdc
Noise level	< 20 dB, at full load @ 100 cm distance

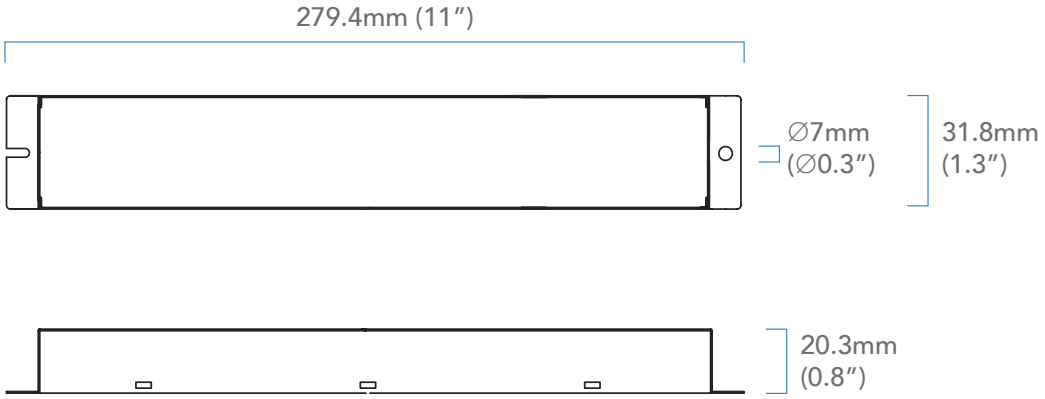
SUPPLEMENTARY INSTRUCTIONS

- The luminaire manufacturer is responsible for measuring and verifying the EMI compliance of the complete luminaire, as the level of radio interference will vary depending on the luminaire construction. Especially primary and secondary cable lengths and their routing may have a significant effect on radio interference.
- Short circuit protection: Hiccup mode. Protection device will trigger when short circuit and will auto recover after the fault mode is removed

Date:	Project Name:
Type:	Part Number:

DIMENSIONS

12W



Date:	Project Name:
Type:	Part Number:

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following

PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

CAUTION:RISK OF SHOCK-disconnect emergency and normal input power sources before servicing any equipment connected to this unit.

CAUTION: Risk of fire or electric shock-This emergency battery pack installation requires knowledge of luminaire and electrical systems.

CAUTION: Servicing of this equipment should be performed by qualified personnel only

CAUTION: Before installation, make certain the AC power to fixture is off.

CAUTION: Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency battery pack.

CAUTION: Suitable for use in 5°C -50°C ambient temperatures.

IMPORTANT: An unswitched AC power source is required (100-347 VAC, 50/60 Hz). This device is designed for fixtures listed for dry and damp locations.

IMPORTANT: Customers are advised to charge emergency LED driver 24 hours every 6 months during storage

CAUTION: Do not use outdoors. Do not mount near gas or electric heaters.

CAUTION: Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.

CAUTION: The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition The emergency battery pack is not for in an air-handling fixture.

CAUTION: Do not use this equipment for other than its intended use.